

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that I believe I am the original, first and sole inventor if only one name is listed at item 201 below, or a joint inventor if plural names are listed below at items 201 et. seq. of subject matter which is claimed and for which a patent is sought for:

Sustained-Release Preparation

The invention entitled:
☒ The attached specification ☐ The specification in application Serial No.
 and if applicable amended on
 International (PCT) application No.
 I have reviewed and understand the contents of the above-identified specification, including the claims, as amended or with amendments referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim the benefit of priority, under Title 35, United States Code, §119, of any foreign application(s) for patent or inventors certificate having a filing date before that of the application for which priority is claimed.

I hereby claim the benefit, under Title 35, United States Code, §120, of any U.S. application(s) listed in item 105 below. If this application is a continuation-in-part, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application(s) identified in item 105 below in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior U.S. application(s) identified in item 105 below and the national or PCT international filing date of this application.

FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION, THE PRIORITY OF WHICH WHERE PERMITTED IS HEREBY CLAIMED UNDER 35 U.S.C. §119:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED YES NO
Japan	327070/1992	07/Dec./1992	YES
Japan	018978/1993	05/Feb./1993	YES
Japan	145134/1993	16/June/1993	YES

THIS APPLICATION IS A: ☐ CONTINUATION ☐ CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION. SERIAL NO. FILED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

HAROLD C. WEGNER
Registration No. 25,258

HERBERT I. CANTOR
Registration No. 24,392

HELMUTH A. WEGNER
Registration No. 17,000

FRANKLIN D. WOLFFE
Registration No. 19,724

DOUGLAS P. MUELLER
Registration No. 30,300

WILLIAM S. PLAYER
Registration No. 31,404

SEND CORRESPONDENCE TO: WEGNER, CANTOR, MUELLER & PLAYER
P.O. Box 18218
Washington, D.C. 20036-8218
DIRECT TELEPHONE CALLS TO: 202-887-0401

Inventor(s) name must include at least one unabbreviated first or middle name

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	KAMEI	Shigeru	
RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	Takarazuka	Japan	Japan
POST OFFICE ADDRESS	POST OFFICE ADDRESS		
	7-1-509, Sumiregaoka 1-chome, Takarazuka, HYOGO 665 JAPAN		
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	IGARI	Yasutaka	
RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	Kobe	Japan	Japan
POST OFFICE ADDRESS	POST OFFICE ADDRESS		
	4-25-503, Motoyaminamimachi 5-chome, Higashinada-ku, Kobe, HYOGO 658 JAPAN		
FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	OGAWA	Yasuaki	
RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	Ohyamazaki-cho,	Japan	Japan
POST OFFICE ADDRESS	POST OFFICE ADDRESS		
	77-42, Koaza-tanita, Aza-ohyamazaki, Ohyamazaki-cho, Otokuni-gun, KYOTO 618 JAPAN		

I, each (and more) inventors on page 2, hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
Shigeru Kamei	Yasutaka Igari	Yasuaki Ogawa
DATE	DATE	DATE
December 6, 1993	December 2, 1993	December 2, 1993

ASSIGNMENT

WHEREAS, (1) SHigeru KAMEI, Yasutaka IGARI and Yasuaki OGAWA
citizen(s) of (2) all of Japan whose address(es) 住所(are)
(3) 7-1-509, Sumiregaoka 1-chome, Takarazuka, HYOGO 665 JAPAN;
4-25-503, Motoyamaminamimachi 5-chome, Higashinada-ku, Kobe, HYOGO
658 JAPAN and 77-42, Koaza-tanita, Aza-ohyamazaki, Ohyamazaki-cho,
Otokuni-gun, KYOTO 618 JAPAN, respectively,
respectively, (hereinafter collectively ASSIGNOR) has invented certain new and useful
improvements in (4) Sustained-Release Preparation

for which application for Letters Patent of the United States (5) is about to be made; and

WHEREAS, (6) Takeda Chemical Industries, Ltd.
a (7) corporation of (8) Japan whose
address is (9) 1-1, Doshomachi 4-chome, Chuo-ku, Osaka, Japan

(hereinafter ASSIGNEE), is desirous of acquiring all right, title, and interest in the United States in and to the aforesaid invention, and in, to and under any and all United States Patents to be obtained therefore;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign and transfer unto ASSIGNEE, its successors and assigns, his entire right, title and interest in and to said invention as described in the application Serial Number 082269, executed on 2nd and 3rd day of December, 1993 (Wegner, Cantor, Mueller & Player, are hereby authorized to insert the execution date, filing date, Serial Number or other appropriate identifying data when known) in any form or embodiment thereof, and in and to the aforesaid application; also his entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in the United States on said invention, and any divisional, continuation, continuation-in-part, or substitute applications which may be filed on said invention in the United States; and the issuing authority is hereby authorized and requested to issue any and all patents on said invention to ASSIGNEE.

ASSIGNOR further agrees without any payment by ASSIGNEE, other than expenses incurred by ASSIGNOR, to communicate to ASSIGNEE, its representatives or agents, facts relating to said invention, including evidence for interference purposes or for other proceedings, whenever requested; to testify in any interference or other proceedings, whenever requested; and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon any heirs, legal representatives, administrators and assigns, and ASSIGNOR hereby warrants that, at the time of execution and delivery of this instrument, (9) he is the lawful owner of the entire right, title and interest in and to said invention and said application, and that the same are unencumbered and that he has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

IN WITNESS WHEREOF, ASSIGNOR hereunto sets his hand and seal this (10)^{(1) 6th} day of December, 1993. (2) (3) 2nd

Witnesses:

(12) Uiko Hamijo

[1] [2]

(12) Seigniorage

[3]

(12) Chikurki K. K.

(1) Shigeru Kamei
(11) L.S.
Typed Name: (Shigeru Kamei)

[2]
(11) Yasutaka Igari L.S.
Typed Name: (Yasutaka Igari)

(11) Yasuaki Ogawa L.S.
Typed Name: (Yasuaki Ogawa)

(11) _____ L.S.
Typed Name: _____

(11) _____ L.S.
Typed Name: _____

- (1) Name(s) of Inventor(s)
- (2) Citizenship of Inventor(s)
- (3) Address(es) of Inventor(s)
- (4) Title of Invention
- (5) Delete One
- (6) Name of Assignee
- (7) Legal status of Assignee.

(8) Country

(9) Address of Assignee

(10) Date of execution of this Assignment

(11) Signature of Inventor(s)

(12) The signing of this document by the Inventor(s) need not be witnessed. However, it would be preferable to have it witnessed and better still

REF 6793 FRAM 732

DEC-7 93

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 01/10/94
TO: WEGNER, CANTOR, MUELLER & PLAYER

N06B

WEGNER, CANTOR, MUELLER & PLAYER
HERBERT I. CANTOR
1233 20TH STREET, N.W., STE. 300
P.O. BOX 18218
WASHINGTON, D.C. 20036-8218

JAN 2 1994

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12/26/01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:
KAMEI, SHIGERU

DOC DATE: 12/06/93

ASSIGNOR:
IGARI, YASUTAKA

DOC DATE: 12/02/93

ASSIGNOR:
OGAWA, YASUAKI

DOC DATE: 12/02/93

RECORDATION DATE: 12/07/93 NUMBER OF PAGES 002 REEL/FRAME 6793/0731

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
TAKEDA CHEMICAL INDUSTRIES, LTD.
1-1, DOSHOMACHI 4-CHOME, CHUO-KU
OSAKA JAPAN

SERIAL NUMBER 8-162698 FILING DATE 12/07/93
PATENT NUMBER ISSUE DATE 00/00/00

EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

Russell



#40/5

08/162698

FORM PTO-1595
TRADE MARK OFFICERECORDATION FORM COVER SHEET
PATENTSU.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Shigeru KAMEI Yasutaka IGARI Yasuaki OGAWA</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>2. Name and address of receiving party(ies): Name: TAKEDA CHEMICAL INDUSTRIES, LTD.</p> <p>Internal Address:</p> <p>Street Address: 1-1, Doshomachi 4-chome, Chuo-ku</p> <p>City: Osaka Province: Country: Japan Postal Code:</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>3. Nature of conveyance: <u>19</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>December 2 and December 6, 1993</u></p>	

<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>December 2 & 6, 1993</u></p>	
<p>A. Patent Application No.(s): (Include series code or filing date)</p>	<p>B. Patent No.(s):</p>
<p>Additional application or patent numbers attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Wegner, Cantor, Mueller & Player Address: 1233 20th Street, N.W., Suite 300 P.O. Box 18218 City: Washington State: D.C. Zip: 20036-8218</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total Fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account 23-0783</p> <p>8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. <u>23-0783</u>, as necessary.</p>
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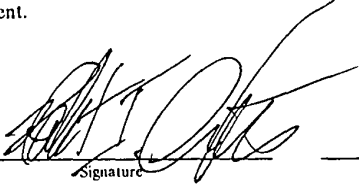
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<p>9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p><u>Herbert I. Cantor</u>  <u>December 7, 1993</u> Name of Person Signing Signature Date</p> <p>Reg. No.: 24,392 Atty. Docket No.: P-8700-24085</p> <p>Total number of pages, including cover sheet, attachments and document: <u>2</u></p>	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Shigeru Kamei et al.

Entitled: SUSTAINED-RELEASE PREPARATION

Serial No.: To be assigned

Filing August 17, 2000

Date:

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned attorney of record hereby appoints:

STEPHEN A. BENT	Reg. No. 29,768
DAVID A. BLUMENTHAL	Reg. No. 26,257
BETH A. BURROUS	Reg. No. 35,087
ALAN I. CANTOR	Reg. No. 28,163
WILLIAM T. ELLIS	Reg. No. 26,874
JOHN J. FELDHAUS	Reg. No. 28,822
PATRICIA D. GRANADOS	Reg. No. 33,683
JOHN P. ISACSON	Reg. No. 33,715
MICHAEL D. KAMINSKI	Reg. No. 32,904
LYLE K. KIMMS	Reg. No. 34,079
KENNETH E. KROSIN	Reg. No. 25,735
JOHNNY A. KUMAR	Reg. No. 34,649
GLENN LAW	Reg. No. 34,371
PETER G. MACK	Reg. No. 26,001
STEPHEN B. MAEBIUS	Reg. No. 35,264
BRIAN J. MC NAMARA	Reg. No. 32,789
SYBIL MELOY	Reg. No. 22,749
RICHARD C. PEET	Reg. No. 35,792
GEORGE E. QUILLIN	Reg. No. 32,792
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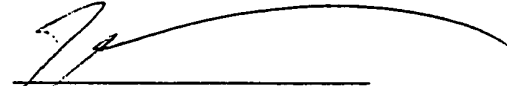
as associate attorneys with full power of association, substitution and revocation, to prosecute the above-identified application and transact all business in the Patent and Trademark Office connected therewith.

Respectfully submitted,

AUG 18 2000

Date

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Harold C. Wegner
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